

BUCKEYE CARIBBEAN TERMINALS, LLC

Selebrating 125 Years of Service 1886-2011

February 26, 2014

Carrier 901 Km 2.7 Bo Camino Nuevo P.O. Box 186 Yabucoa, Puerto Rico 00767-0186 Tel (787) 893-2424 Fax (787) 266-3474

CERTIFIED MAIL # 7012 1010 0000 7644 2467 RETURN RECEIPT REQUESTED

Ms. Kate Anderson Chief Clean Water Regulatory Branch Division of Environmental Planning and Protection U.S. Environmental Protection Agency, Region 2 290 Broadway New York, New York 10007-1866

RE: NPDES Permit Application Additional Information NPDES Permit Application No. PR0000400

Buckeye Caribbean Terminals LLC.

Yabucoa, Puerto Rico

Dear Ms. Anderson:

Enclosed please find the revised NPDES Application Form 2-F for outfall 002, which EPA requested from Buckeye to correct after the February 11, 2014 revisions. The corrections were made to Section IV-C as the narrative provided in the February 11, 2014 submittal is different from the June, 2013 revised application. We have replaced the narrative included in the February 11, 2014 submission with the statements provided in the June 2013 revised application. The following is a description of the revised document that supersedes the corresponding attachment included in the June 19, 2013 submission:

• Attachment 6: Revised Form 2F for Outfall 002 signed on February 26, 2014

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Cordially,

Hans Rutzen

Operations Director

Buckeye Caribbean Terminals LLC

Enclosure

c: Ms. Wanda Garcia

Director, Water Quality Area, Puerto Rico Environmental Quality Board Certified Mail No. 7012 1010 0000 7644 2481

Ms. Annette Feliberty Ruiz

Point Source Permit Division, Puerto Rico Environmental Quality Board Certified Mail No. 7012 1010 0000 7644 2474

Ms. Teresita Rodríguez

Chief, Multimedia Permits and Compliance Branch Caribbean Environmental Protection Agency, Region 2 Certified Mail No. 7012 1010 0000 7644 2498 110000580915 - Outfall 002

Form Approved. OMB No. 2040-0086 Approval expires 5-31-92

Please print or type in the unshaded areas only



U.S. Environmental Protection Agency Washington, DC 20460

Application for Permit to Discharge Storm Water **Discharges Associated with Industrial Activity**

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources. gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location					West of the second		
For each outfall, list to	he latitude and	d longitude of	ts location to	the nearest 1	5 seconds an	d the name	e of the receiving water.
A. Outfall Number (list)		B. Latitude		С	Longitude		D. Receiving Water (name)
002	18.00	2.00	57.96	65.00	51.00	14.56	Caño Santiago
II. Improvements							
A. Are you now requ	ired by any F	ederal State	or local auti	nority to mee	t anv implem	entation so	chedule for the construction upgrading or operation of wastowater

treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions,		2. Affected Outfalls		4. Final Compliance Date	
Agreements, Etc. number source of discharge 3.		Brief Description of Project	a. req.	b. proj.	
Refer to Consent Decree in			Improvements have been completed. Refer		
Attachment 11			to most recent progress report		
			(Attachment 12)		
	-	*			

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

Buckeye Caribbean Terminals LLC

NPDES Permit Application No. PR0000400

Attachment 6

Form 2F for Outfall 002

IV.	Narrative	Description	of Pollutant	Sources
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A. For each outfall, provide an estimate of the area (include units) of imperious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
002	46.7 acres	58.4 acres			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

No significant materials are stored or managed on Outfall 002 drainage areas. Proper management in this area focuses on the removal of accumulated debris in the channels and leaf retention structures and sediment traps to reduce solids reaching the Flood Control Pond (FCP). Implementation of a SWPPP (Attachmnet 10, Section 5.0). Only herbicides are applied at a frequency of 3 months at perimeter fence, tanks and docks pipe rack, main substation yard and around basins using spraying method on sunny days, and per manufacturer recommendation by a licensed technician.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1

V. Nonstormwater Discharges

A. I certify under penalty of law hat the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or From 2E application for the outfall.

Name and Official Title (type or print)

Hans Rutzen, Operations Director

Signature

Date Signed

FEB/26/2014

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Eng. Robert Beato from the environmental cosulting firm ERM conducted a visual inspection detecting dry weather discharges in 2008. Repeated the study in 2012. No dry weather discharges observed. In addition, a Conceptual Engineering report was developed (Refer to Attachment 16 for visual inspection certification and Attachment 18 for the Conceptual Engineering Report).

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant spills or leaks in the last three years.

Continued from Page 2

EPA ID Number (copy from Item 1 of Form 1) 110000580915 - Outfall 002

VII. Discharge Information							
	proceeding. Complete one set of tables for each outfall. are included on separate sheets numbers VII-1 and VII		space provided.				
Potential discharges not covered by currently use or manufacture as an in	analysis – is any toxic pollutant listed in table 2F-2, stermediate or final product or byproduct?	2F-3, or 2F-4, a substance or a	component of a substance which you				
Yes (list all such pollutants	s below)	✓ No (go to Section IX)					
VIII Biological Taxiaita Taatiu	D-4-	March and March and Committee					
VIII. Biological Toxicity Testing	believe that any biological test for acute or chronic to	vicity has been made on any of ye					
relation to your discharge within the last :	3 years?		ur discharges or on a receiving water in				
Yes (list all such pollutants	below)	✓ No (go to Section IX)					
IX. Contract Analysis Informatic	on .						
Were any of the analyses reported in Item	n VII performed by a contract laboratory or consulting f	irm?					
	, and telephone number of, and pollutants laboratory or firm below)	No (go to Section X)					
A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed				
Environmental Quality Laboratories	PO Box 11485 San Juan PR 00910-1485	(787) 288-2840	All parameters on this application				
X. Certification							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							
A. Name & Official Title (Type Or Print)		B. Area Code and Phone No.					
Hans Rutzen, Operations D	irector	(787) 893-2424					
C. Signature		D. Date Signed FEB/26/2014					

VII. Discharge information (Continued from page 3 of Form 2F)

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details

	Maximum Values (include units)			erage Values nclude units)	Number	See instructions for additional details.	
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants	
Oil and Grease	2.3 mg/l	N/A			1.00	Erosion from channles and traffic	
Biological Oxygen Demand (BOD5)	10 mg/l	7 mg/l			1.00	Vegetation/Debris	
Chemical Oxygen Demand (COD)	51 mg/l	44 mg/l			1.00	Debris	
Total Suspended Solids (TSS)	7 mg/l	7.30 mg/l			1.00	Erosion from channles and traffic	
Total Nitrogen	0.55 mg/l	0.55 mg/l					
Total Phosphorus	0.060 mg/l	0.091 mg/l			1.00	Soil	
рН	Minimum 6.81	Maximum 7.64	Minimum	Maximum			

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Dellatera	(inclu	um Values de units)	Avera (inci	age Values lude units)	Number	
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants
						Not Applicable
		12				Ø

Continued from the Front

Part C -	List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and
	requirements. Complete one table for each outfall

rei	quirements. Comple	te one table for each ou	tfall.			
		ium Values ude units)	Ave (in	rage Values clude units)	Number	
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants
	30 PtCo	30 PtCo			1.00	color (Soil)
	10.9 mg/l	9.9 mg/l			1.00	TOC (Soil/Debris)
7664-41-7	<0.05 mg/l	0.06 mg/l			1.00	Ammonia (Debris) (Note 2)
	0.12 mg/l	0.12 mg/l			1.00	residual chlorine (Clean & Wash)
71-43-2	<0.3 ug/l	<0.3 ug/l			1.00	benzene (Note 1)
100-41-4	<0.2 ug/l	<0.2 ug/l			1.00	ethylbenzene (Note 1)
108-88-3	<0.2 ug/1	<0.2 ug/l			1.00	toluene (Note 1)
	<0.5 ug/l	<0.5 ug/l			1.00	meta-para xylenes (Note 1)
95-47-6	<0.2 ug/l	<0.2 ug/l			1.00	o xylenes (Note 1)
						Note 1- Results for these parameter
						were not detected.
						Sample for screening purpose only.
						Note 2 - Results for these parameter
	_					were below detectable limit.
						Sample for screening purpose only.
					1	

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event (in minutes)	3. Total rainfall during storm event <i>(in inches)</i>	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)
12/08/10	400 min	2.86 in	267 h	4,309 gpm	1,810,000 gal
5/02/11	300 min	0.80 in	96 h	100 gpm recirculating	no discharge
8/21/12	30 min	0.62 in	72 h	100 gpm recirculating	no discharge

7. Provide a description of the method of flow measurement or estimate.

December 8, 2010 - For this storm water event a flow meter was used.

May 2, 2011 - Sample collected with the activation of P-005-10 and recycle to the WWTP. Flow estimated based on pump capacity and valve opening.

August 21. 2012 - Sample collected with the activation of P-005-10 and recycle to the WWTP. Flow estimated based on pump capacity and valve opening.

U.S. EPA-REGION 2 CLEANWAYER REGULATORY 3R.

TOTAL WAR - L AM II: 1 "